Examiner's Gor

AN 2000:293852 HCAPLUS

DN 132:282768

TI Manufacture of low-melting-point and low-vapor-pressure powdered braze for brazing stainless steel

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DT Patent

LA Chinese

FAN. CNT 1

PATENT NO.	KIND.	DATE	APPLICATION NO.	DATE
PI CN 1205260	 A	19990120	CN 1998-101071	19980401
CN 1075416	В	20011128		
PRAT CN 1998-101071		19980401		

The braze contains Ag 2.0-8.0, Cu 0.20-1.50, Cr 0.10-0.60%, and Sn balance. The braze is manufd. by melting a mixt. of Sn, Ag, Cu, and CuCr13 at 400-500.degree. in an inert atm., casting into ingots, remelting the ingots at 400-500.degree. in an inert atm., and atomizing with an inert gas at 1.5-3.0 MPa. The inert gas is N2 or Ar.